

**TABLE 15-1**  
**UNIT LIGHTING POWER ALLOWANCE (LPA)**

Use <sup>1</sup>	LPA <sup>2</sup> (W/ft <sup>2</sup> )
Automotive facility	0.9
Convention center	1.2
Courthouse	1.2
Cafeterias, fast food establishments <sup>5</sup> , restaurants/bars <sup>5</sup>	1.3
Dormitory	1.0
Exercise center	1.0
Gymnasias <sup>9</sup> , assembly spaces <sup>9</sup>	1.0
Health care clinic	1.0
Hospital, nursing homes, and other Group I-1 and I-2 Occupancies	1.2
Hotel/motel	1.0
Hotel banquet/conference/exhibition hall <sup>3,4</sup>	2.0
Laboratory spaces (all spaces not classified "laboratory" shall meet office and other appropriate categories)	1.8
Laundries	1.2
Libraries <sup>5</sup>	1.3
Manufacturing facility	1.3
Museum	1.1
Office buildings, office/administrative areas in facilities of other use types (including but not limited to schools, hospitals, institutions, museums, banks, churches) <sup>5,7,11</sup>	<b>0.95</b> <b>((1.0))</b>
Parking garages	0.2
Penitentiary and other Group I-3 Occupancies	1.0
Police and fire stations <sup>8</sup>	1.0
Post office	1.1
Retail <sup>10</sup> , retail banking, mall concourses, wholesale stores (pallet rack shelving)	1.5
School buildings (Group E Occupancy only), school classrooms, day care centers	1.2
Theater, motion picture	1.2
Theater, performing arts	1.6
Transportation	1.0
Warehouses <sup>11</sup> , storage areas	0.5
Workshop	1.4
<b>Plans Submitted for Common Areas Only<sup>7</sup></b>	
Main floor building lobbies <sup>3</sup> (except mall concourses)	1.2
All building common areas, corridors, toilet facilities and washrooms, elevator lobbies, including Group R-1 and R-2 Occupancies	0.8

### Footnotes For Table 15-1

1. In cases in which a general use and a specific use are listed, the specific use shall apply. In cases in which a use is not mentioned specifically, the *Unit Lighting Power Allowance* shall be determined by the building official. This determination shall be based upon the most comparable use specified in the table. See Section 1512 for exempt areas.

2. The watts per square foot may be increased, by 2% per foot of ceiling height above 20 feet, unless specifically directed otherwise by subsequent footnotes.

3. The watts per square foot of room may be increased by 2% per foot of ceiling height above 12 feet.

4. For all other spaces, such as seating and common areas, use the *Unit Lighting Power Allowance* for assembly.

5. The watts per square foot of room may be increased by 2% per foot of ceiling height above 9 feet.

6. Reserved.

7. For conference rooms and offices less than 150 ft<sup>2</sup> with full-height partitions, a Unit Lighting Power Allowance of 1.1 w/ft<sup>2</sup> may be used.

8. Reserved.

9. For indoor sport tournament courts with adjacent spectator seating over 5,000, the *Unit Lighting Power Allowance* for the court area is 2.60 W/ft<sup>2</sup>.

10. Display window illumination installed within 2 feet of the window, provided that the display window is separated from the retail space by walls or at least three-quarter-height partitions (transparent or opaque) and lighting for free-standing display where the lighting moves with the display are exempt.

An additional 1.5 W/ft<sup>2</sup> of merchandise display luminaires are exempt for **individual tenant spaces less than 3,000 gross square feet and 1.2 W/ft<sup>2</sup> for larger tenant spaces** provided that they comply with all three of the following:

- a. located on ceiling-mounted track or directly on or recessed into the ceiling itself (not on the wall),
- b. adjustable in both the horizontal and vertical axes (vertical axis only is acceptable for fluorescent and other fixtures with two points of track attachment),
- c. fitted with LED, tungsten halogen, fluorescent, **ceramic metal halide** or **other** high intensity discharge lamps.

This additional lighting power is allowed only if the lighting is actually installed.

11. Provided that a floor plan, indicating rack location and height, is submitted, the square footage for a warehouse may be defined, for computing the interior *Unit Lighting Power Allowance*, as the floor area not covered by racks plus the vertical face area (access side only) of the racks. The height allowance defined in footnote 2 applies only to the floor area not covered by racks.

